APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

English-Russian Military Dictionary, by G. A. Sudzilovskiy, K. N. Bogdanova, U. F. Buryakov, V. P. Voronin, O. N. Sergeyev, A. A. Turov. UNCLASSIFIED

RUSSIAN, bk, Encl to 78-61, US NA, Helsinki, 1960.

Navy/ONI 5114760

USSR
Soc
Apr 61

144,915

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Temperature Dependence of Magnetostriction, by E. A. Turov. A. I. Mitsek, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVIII, No 6, 1960, pp 1847-1851.

AIP
Sov Phys-JETP
Vol XI, No 6

Sci

141,346

Feb 61

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Non-Collinear Ferro- and Antiferromagnetism,
by E. A. Turov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXV,
No 11, 1961, pp 1326-1331.

CTT

Sci

Nov 62

218,253

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Turov, E. A.
PECULIARITIES OF FERROMAGNETIC RESONANCE IN METALS: INFLUENCE OF CONDUCTION ELECTRONS ON FERROMAGNETIC RESONANCE. [1963] 26p. 31 refs.
Order from OTS or SLA $2.60 63-14468

Trans. of mono. Ferromagnitnyi Rezonans: [Yavlenie Rezonansnogo Pogloshcniya Vysokochastotnogo Elektromagnitnogo Polya v Ferromagnitnykh Veshchestvakh (Ferromagnetic Resonance: The Phenomenon of Resonance Absorption of a High-Frequency Electromagnetic Field in Ferromagnetic Substances)] ed. by S. V. Vonsovskii, Moscow, 1961, p. 188-214.

DESCRIPTORS: *Metals, *Ferromagnetism, Ferromagnetic materials, *Resonance absorption, High frequency, Electromagnetic fields, Electrons, Mathematical analysis.
(Physics--Magnetism, TT, v. 10, no. 7)

63-14468

I. Turov, E. A.
II. Vonsovskii, S. V.
III. Title: Influence ...
IV. Title: Yavlenie ...
V. Title: Ferromagnetic ...
VI. Title: Phenomenon ...

124705

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Phenomenological theory of Ferromagnetism and Antiferromagnetism at Low Temperatures (uniaxial case) - by E. A. Turov & Yu. P. Irkhin, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXII, No 10, 1958, pp 1158-1166.

Columbia Tech

Sci

101,797

Dec 59

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

On the Theory of Weak Ferromagnetism, by E. A. Turov, 4 pp.

RUSSIAN, par, Zhur Eksper i Teoret Fiz, Vol XXXVI (9), No 4, 1959, pp 1254-1258.

AIP
Sov Phys - JETP

Nov 59

100,922

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

On the Width of Ferromagnetic Resonance Absorption Lines, by E. A. Turov, S. I. Vonsovskiy, 4 pp.

RUSSIAN, per, Zhur Eksper Teoret Fiz, Vol XXIV, No 4, 1953, pp 501-503.

Morris D. Friedman

T-122

Sci - Physics
Mar 59

84,393

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

On the Theory of the G-Factor in Ferromagnetic Metals, by E. A. Turov, 3 pp.

RUSSIAN, per, Fiz Met i Metall, Vol IV, No 1,(10), 1957, pp 183, 184.

SLA R-2045

Sci

Aug 58

71,037

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Conditions for the Existence of Weak Ferromagnetism and the Classification of Weakly Ferromagnetic Structures, by E.A. Turov, 6 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLII, No 6, 1962, pp 1582-1589.

AIP
Sov Phys - JETP
Vol XV, No 6

Sci

233,082

Nov 62

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

On the Theory of the Temperature Dependence of Ferromagnetic Anisotropy, by E. A. Turov, A. I. Mitsek, 5 p,

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVII, No 4(10), 1959, pp 1127-1132.

Amer Inst of Phys
Sov Phys - JETP
Vol XXXVII, (10), No 4

Sci
Apr 60

114,808

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

On the Spectrum of Oscillations of a Ferromagnetic Elastic Medium, by E. A. Turov, I. P. Irkhin, 6 pp.

RUSSIAN, per, Fiz Met i Metal, Vol III, No 1(7), 1956, pp 15-17.

SLA Tr R-867

Sci - Electricity, Physics 52, 272

Sep 57

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

The Quantum Theory of Ferromagnetism, by S. V. Vonsovskiy, K. B. Vlasov, E. A. Turov, 11 pp

RUSSIAN, bimo per, Zhur Eksper i Teoret Fiz, Vol XXIX, Jul 1955, pp 37-50. CIA C 41569

American Inst of Physics

Scientific - Physics
May 56 CTS/dex

33,554

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Relaxation Processes in Ferromagnetic Metals at Low Temperatures, by E. A. Turov, 12 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Ser Fiz, Vol XIX, No 4, 1955, pp 462-473.

Columbia Tech Tr

Sci - Physics
Apr 57 CTS

45, 6144

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APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

On the exchange Interaction of Valency and Inner Electrons in Crystals (the (s-d) Exchange Model of the Transition Metals)., by S. V. Vonsovskiy, E. A. Turov, 13 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXIV, No 4, 1953, pp 419-428.

Sci Mus Lib 55/3411
A.E.R.E. Harwell 547 31,758

Sci - Physics

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Electrical Conductivity of Ferromagnetic Metals at Low Temperatures, by E. A. Turov.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XIX, No 4, 1955, pp 474-80.

Assoc Tech Services
RJ-322
33,321

Sci - Chemistry, Physics, Minerals/Metals

Apr 56

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

To the Multielectron Theory of Semiconductors, I,
by S. V. Vonsovskiy, Yu. P. Irkhin, A. N. Mushnirenko,
E. A. Turov, 19 pp.

RUSSIAN, per, Fiz Met i Metall, Vol III, No 3, 1956,
pp 385-394.

SLA R-1973

Sci
Jul 58

68,333

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Magnetic Resonance in Rhombohedral Weak Ferromagnetics, by E.A. Turov, N.G. Guseinov, 4 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XXXVIII, No 4, 1960, pp 1326-1331.

AIP
Sov Phys - JETP
Vol XI, No 4

132,900

Sci
Nov 60

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

To the Multielectron Theory of Semiconductors. II. Ferromagnetic Semiconductors, by Yu. P. Gorkin and E. A. Turov, 9 pp.

RUSSIAN, per, Fiz Met i Metall, Vol IV, No 1, 1957, pp 9-13.

SLA R-1781

Sci

Jul 58

68,306

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

SKOBETS, E. M., TUROV, P. P., KYABCHUH, V. D.

The Influence of Temperature on the Form of Polarograms. Section VI: Methods of Chemical Analysis.

Zavod Lab, XV, 8, 1949, pp. 912-914.

DSIR/4666/CT

Sci Museum Libr No 50/2971

A 10174

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Electrochemical Separation of Binary Alloys of Pb With Bi, Sb, As and Sn in Molten Electrolytes, by YU. K. Delimarskiy, P. P. Turov, E. B. Hitman, 17 pp.
UKRAINIAN/
~~RUSSIAN~~, per, Ukrain Khim Zhur, Vol XXI, 1955, pp 687-693.

AEC Tr 2539

Sci - Chemistry; Physics
Aug 1956 CTS/dex

37,488

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Decomposition Potentials of Certain Lead Compounds Dissolved in Molten Caustic Soda, I by Yu. K. Delimarsky, P. P. Turov, E. B. Gitman, 3 pp.

RUSSIAN, no per, Zhur Prik Khim, Vol XXVIII, No 11, Nov 1955, pp 1170-1173. CIA C 43056

Consultants Bureau

Sci - Chemistry

36,897

Aug 1956

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

World Consumption of Calcium Carbide for the Flame Treatment of Metals, by Tu. Ya. Turov, 5 pp.

RUSSIAN, per, Svaroch Proiz, No 11, 1960, pp 43-44.

BWRA

178,997

Sci

Dec 61

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

On the Theory of Weak Ferromagnetism in Rare Earth Orthoferrites, by Ye. A. Turov, V. Ye. Naysh, 9 pp

RUSSIAN, per, Fiz Metal i Metallov, Vol IX, No 1, 1960; pp 10-18

PP

156200

Sci

Jun 61

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Pharmacology of the New Alkaloid, Echinopsine, by A. D. Turova, B. S. Nikolskaya, E. A. Trutneva, 5 pp.

RUSSIAN, per, Farmakol i Toksikol, Vol XX, No 3, 1957, pp 23-29.

Consultants Bureau

Sci - Med

Apr 58

DSIR LLU(Gaga)M.679

62,369

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Certain Plants Used in Folk Medicine, by A. D. Turova, E. A. Trutneva, V. F. Travina, 2 pp.

RUSSIAN, per, Farmakol i Toksikol, Vol XX, No 2, 1957, pp 53.

Consultants Bureau

Sci - Med

Apr 58

62,330

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

The Therapeutic Use of Securinine, by A. D. Turova, 11 pp.

RUSSIAN, mo per, Klinicheskaya Meditsina, Vol XXXVIII, No 2, Moscow, 1957, pp 101-106.

US JPRS/NY-L-36

Sci - Medicine

61,241

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

(FDD 27752)
New Medicinal Agents From Plants, by A. D. Turova, 44 pp.

RUSSIAN, irreg publ, Nmx Novyye Lekarstvennyyee Sredstva iz Rasteniy, Series III, No 42, Moscow, 1955, pp 3-32.

CIA/FDD U-8556

37,754

USSR
Sci - Medicine, pharmacology

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

(FDD 25829)

The Search for New Medicinal Drugs of Plant Origin in the USSR, by A. D. Turova, 6 pp.

Full translation.

RUSSIAN, bimo per, Farmakol i Toksikol, Vol XVII, No 4, Moscow, Jul/Aug 1955, pp 37-39.

CIA/FDD/U-7242

27,772

USSR
Sci - Medicine, drugs of plant Origin
(Blumenthal)

CTS 71/Aug 55

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Compounds of Beryllium Chloride With Ethers, by N. Ya. Turova, A. V. Novoselova, K. N. Semenenko, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, Vol V, No 8, 1960, pp 1705-1709.

Cleaver-Hume Press

Sci

Jul 61

157,620

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

The Phenomenological Theory of Electric Conductivity of Ferrites and Antiferromagnetic Materials, by Ye. A. Turov, Yu. P. Irkhin, 10 pp

RUSSIAN, PER, Fiz Metal i Metallov, Vol IX, No 4, 1960, pp 488-497

PP

Sci
May 61

150,009

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Turova, N. F.
RIBONUCLEIC ACID IN THE BRAIN OF ANIMALS DURING ELECTRICALLY INDUCED CONVULSIONS. [1962] [5]p.
Order from OTS or SLA $1.10 62-20305

Trans. of Ukrayins'kyi Biokhimichnyi Zhurnal (USSR) 1961, v. 33, no. 6, p. 805-809.

DESCRIPTORS: *Ribonucleic acids, *Brain, Animals, *Electroshock, *Convulsions, Biochemistry, Microphotography, Cytochemistry, Nucleic acids

(Biological Sciences--Biochemistry, TT, v. 9, no. 11)

62-20305

I. Turova, N. F.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Solubility in the Beryllium Chloride Diethérate-Ethyl Ether System, by N. Ya. Turova, A. V. Novoselova, K. N. Semenenko, 3 pp.

RUSSIAN, per, Zhur Neorgan Khim, No 1, 1960, pp 117-123.

Cleaver-Hume Press
London

Sci
Sep 60

126,437

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Compounds of Beryllium Chloride and Dialkyl Sulphides, by N. S. Sitdykova, N. Ya. Turova, 3 pp.

RUSSIAN, per. Zhur Neorgan Khim, No 11, 1961, pp 2512-2518.

Cleaver-Hume Press

Sci

Oct 62

213,215

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Data for Study of the Wold With Description of a New Method for Ascertaining Age Variability of Mammals, by V. G. Geptner, L. G. Turova-Morozova.

Full translation.

RUSSIAN, per, Sbornik Trudov, Vol VII, 1951., pp 5-14.

Nova Scotia No 201

Scientific - Medicine

Aug 53 CIS 4595

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Isomerization of Polymethylene Hydrocarbons by Means of Aluminum Chloride XXV. The Isomerization of Cyclopentylcycloheptane, by M. B. Turova-Polyak, I. E. Sosnina, et al, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 10, 1961, pp 3187-3189.

CB

Sci
Sep 62

211,752

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Turova-Polyak, M. B., Zelinskii, N. D., and Gasan-Zade, G. R.
ON THE CONVERSION OF CYCLOPENTANE HYDROCARBONS OF BENZENE INTO CYCLOHEXANE HYDROCARBONS, tr. by O. Akhmanova. [1961] 2p. 25 refs.
Order from OTS or SLA $1.10 61-16641

Trans. of [Akademiya Nauk SSSR]. Comptes Rendus (Doklady) de l'Academie des Sciences de l'U.R.S.S., 1941, v. 32, p. 551-554.

DESCRIPTORS: *Benzenes, *Hydrocarbons, *Cyclopentanes, Isomeric transitions, Dehydrogenation, *Cyclohexanes, Aluminum compounds, Chlorides, Chemical reactions.

Cyclopentane derivatives of the gasoline boiling range capable of ring expansion were completely converted to cyclohexanes by the action of 10% aluminum chloride (Chemistry--Organic, TT, v. 6, no. 9) (over)

61-16641

I. Turova-Polyak, M. B.
II. Zelinskii, N. D.
III. Gasan-Zade, G. R.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Turova-Polyak, M. B., Egorova, N. P., and Petrova, E. N.
ISOMERIZATION OF POLYMETHYLENE HYDROCARBONS UNDER THE ACTION OF ALUMINUM CHLORIDE. XII. OPTIMAL CONDITIONS OF ISOMERIZATION OF ALKYL CYCLOPENTANES. [1961]
5p. 5 refs.
Order from OTS or SLA $1.10 61-20122

Trans. of Zhurnal Obshchei Khimii (USSR) 1946, v. 16, p. 825-828.

DESCRIPTORS: *Hydrocarbons, *Cyclopentanes, Pentanes, *Molecular isomerism, Aluminum compounds, Chlorides, Chemical reactions.

It was established that cyclopentane homologs are isomerized by contact with aluminum chloride to cyclohexane derivatives without any external supply of heat. (Chemistry--Organic, TT, v. 6, no. 11) (over)

61-20122

I. Turova-Polyak, M. B.
II. Egorova, N. P.
III. Petrova, E. N.
IV. Title: Optimal ...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Turova-Polyak, M. B. and Petrova, E. N.
ISOMERIZATION OF POLYMETHYLENE HYDROCARBONS UNDER THE ACTION OF ALUMINUM CHLORIDE. XIII. ISOMERIZATION OF ETHYLCYCLOHEPTANE. [1961] 6p. 17 refs.
Order from OTS or SLA $1.10 61-20123

Trans. of Zhurnal Obshchei Khimii (USSR) 1946, v. 16, p. 829-834.

DESCRIPTORS: *Hydrocarbons, *Cycloheptanes, Ethyl radicals, Heptanes, *Molecular isomerism, Synthesis, Dehydrogenation, Bromination, Aluminum compounds, Chlorides, Chemical reactions.

Action of aluminum chloride on ethylcycloheptane without heating brings about isomerization of this naphthene to cyclohexane derivatives to the extent of 18-20%; this is accompanied by evolution of heat. (Chemistry--Organic, TT, v. 6, no. 11) (over)

61-20123

I. Turova-Polyak, M. B
II. Petrova, E. N.
III. Title: Isomerization...

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Turova-Polyak, M. B. and Sidel'kovskaya, F. P.
ISOMERIZATION OF POLYMETHYLENE HYDROCARBONS UNDER THE ACTION OF ALUMINUM CHLORIDE. VIII. ISOMERIZATION OF HEXAHYDROMESITYLENE. [1961] 3p. 8 refs.
Order from OTS or SLA $1.10 61-18016

Trans. of Zhurnal Obshchei Khimii (USSR) 1941, v. 11 [no. 10] p. 821-823.

DESCRIPTORS: *Hydrocarbons, *Cyclohexanes, *Molecular isomerism, Methyl radicals, Aluminum compounds, Chlorides.

The process of isomerization of hexahydromesitylene with aluminum chloride was investigated. Interaction of aluminum chloride with hexahydromesitylene gives a mixture of hydrocarbons of which 88% consist of cyclohexanes (unchanged hexahydromesitylene), 9% of cyclopentanes and 3% of paraffins. The group composition of the isolated hydrocarbons confirms the previously made (Chemistry--Organic, TT, v. 6, no. 7) (over)

61-18016

I. Turova-Polyak, M. B.
II. Sidel'kovskaya, F. P.
III. Title: Isomerization of Hexahydromesitylene

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Turova-Polyak, M. B. and Sidel'kovskaya, F. P.
ISOMERIZATION OF POLYMETHYLENE HYDROCARBONS UNDER THE ACTION OF ALUMINUM CHLORIDE. VII. ISOMERIZATION OF CYCLOHEPTANE. [1961] 5p. 15 refs.
Order from OTS or SLA $1.10 61-18017

Trans. of Zhurnal Obshchei Khimii (USSR) 1941, v. 11, [no. 10] p. 817-820.

DESCRIPTORS: *Hydrocarbons, *Cycloheptanes, *Molecular isomerism, Aluminum compounds, Chlorides.

Isomerization of cycloheptane under the action of aluminum chloride was investigated. It was established that aluminum chloride isomerizes cycloheptane to methylcyclohexane to the extent of 97-98%; thus, isomerization of a seven-member naphthene into a six-member naphthene was accomplished. (Author)
(Chemistry--Organic, TT, v. 6, no. 7)

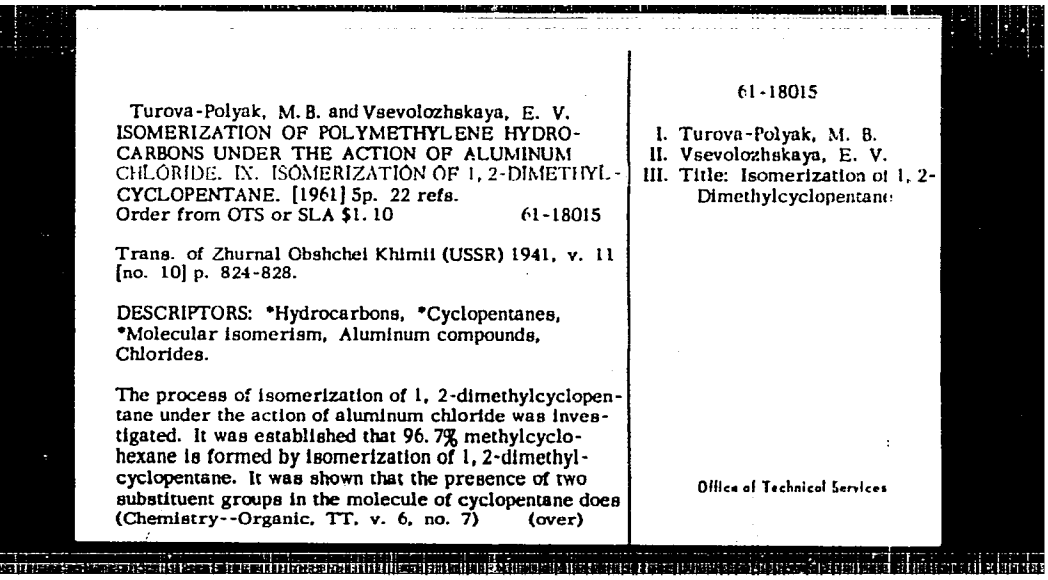
61-18017

I. Turova-Polyak, M. B.
II. Sidel'kovskaya, F. P.
III. Title: Isomerization of Cycloheptane

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00



Turova-Polyak, M. B. and Vsevolozhskaya, E. V.
ISOMERIZATION OF POLYMETHYLENE HYDROCARBONS UNDER THE ACTION OF ALUMINUM CHLORIDE. IX. ISOMERIZATION OF 1, 2-DIMETHYLCYCLOPENTANE. [1961] 5p. 22 refs.
Order from OTS or SLA $1.10 61-18015

Trans. of Zhurnal Obshchei Khimii (USSR) 1941, v. 11 [no. 10] p. 824-828.

DESCRIPTORS: *Hydrocarbons, *Cyclopentanes, *Molecular isomerism, Aluminum compounds, Chlorides.

The process of isomerization of 1, 2-dimethylcyclopentane under the action of aluminum chloride was investigated. It was established that 96.7% methylcyclohexane is formed by isomerization of 1, 2-dimethylcyclopentane. It was shown that the presence of two substituent groups in the molecule of cyclopentane does (Chemistry--Organic, TT. v. 6, no. 7) (over)

61-18015

I. Turova-Polyak, M. B.
II. Vsevolozhskaya, E. V.
III. Title: Isomerization of 1, 2-Dimethylcyclopentane

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Turova-Polyak, M. B. and Rappoport, P. L.
ISOMERIZATION OF POLYMETHYLENE HYDROCARBONS UNDER THE ACTION OF ALUMINUM CHLORIDE. X. ISOMERIZATION OF METHYLCYCLOHEPTANE. [1961] 5p. 11 refs.
Order from OTS or SLA $1.10 61-16660

Trans. of Zhurnal Obshchei Khimii (USSR) 1943, v. 13, p. 353-357.

DESCRIPTORS: *Hydrocarbons, *Cycloheptanes, *Molecular isomerism, Aluminum compounds, Chlorides.

Interaction of methylcycloheptane with aluminum chloride, accompanied by liberation of heat, results in complete conversion of methylcycloheptane into dimethylcyclohexane. Under the conditions of catalytic dehydrogenation methylcycloheptane undergoes an isomeri-

(Chemistry--Organic, TT, v. 6, no. 7) (over)

61-16660

I. Turova-Polyak, M. B.
II. Rappoport, P. L.
III. Title: Isomerization of Methylcycloheptane

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Alkylation of Benzene and Its Derivatives by Isopropyl Alcohol Over an Aluminosilicate Catalyst at Atmospheric Pressure, by M. B. Turova-Polyak, N. V. Rudenko, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 6, 1959, pp 1289-.

Consultants Bureau 119,512

Sci

Jun 60

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Turova-Polyak, M. B. and Novitskii, K. Yu.
ISOMERIZATION OF POLYMETHYLENE HYDROCARBONS [UNDER THE ACTION] OF ALUMINUM CHLORIDE. XL. ISOMERIZATION OF CYCLOOCTANE. [1961] 6p. 9 refs.
Order from OTS or SLA $1.10 61-18163

Trans. of Zhurnal Obshchei Khimii (USSR) 1944, v. 14, p. 337-342.

DESCRIPTORS: *Hydrocarbons, *Molecular isomerism, *Cyclooctanes, Cyclohexanes, Aluminum compounds, Chlorides.

Isomerization of cyclooctane in the presence of aluminum chloride was investigated. Interaction of cyclooctane with aluminum chloride, attended by liberation of heat, was found to bring about complete conversion of cyclooctane into dimethylcyclohexane. Thus, isomerization of an eight-membered naphthenic ring into a six-membered ring was established. (Author) (See also 61-16660)

61-18163

I. Turova-Polyak, M. B.
II. Novitskii, K. Yu.
III. Title: Isomerization of Cyclooctane

Office of Technical Services

(Chemistry--Organic, TT, v. 6, no. 7)

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Cracking of Tetrahydronaphthalene With Aluminum Chloride, by M. B. Turova-Polyak, N. B. Lyumbimova,

RUSSIAN, per, Zhur Obshchei Khim, Vol VIII, No 6, 1938, pp 538-543.

ATS RJ-2100

ATS-54,[illegible]

Sci - Chem

May 60

115/393

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Catalytic Reactions in the Presence of Aluminum Haptal. IV. Alkylation of Bromobenzene With Ethyl Bromide, n -Propyl Bromide and n-Butyl Bromide. Alkylation of Iodobenzene With n-Butyl Bromide, by M. B. Turova-Polyak, N. P. Dobrosel'skaya, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 4, 1959, pp 1072-1077.

Consultants Bureau

Sci
JUN 60

117,864

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

The Isomerization of Polymethylene Hydrocarbons Under the Influence of Aluminum Chloride. XXIV. The Isomerization of Cyclononane and Cyclodecane, by M. B. Turova-Polyak, E. S. Balenkova, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 6, 1961, pp 1976-1981.

CB

Sci

201, 900

Jun 62

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

The Catalytic Alkylation of Bromobenzene With Propyl Alcohols, by M. B. Turova-Polyak, N. V. Rudenko, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 6, 1961, pp 1982-1985.

CB

Sci

Jun 62 201,901

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Isomerization of Polymethylene Hydrocarbons Under the Action of Aluminum Chloride. XXIII. Isomerization of 2-Methyl-Bicyclo-(1,2,2)-Heptane, by M. B. Turova-Polyak, I. E. Sosnina, I. G. Golutvina, T. P. Tuskina, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 4, 1959, pp 1078-1082.

Consultants Bureau

Sci

Jun 60

117,866

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Catalytic Reactions With Metallic Aluminum. II. Alkylation of Benzene With Chlorocyclohexane and Chlorocyclopentane, by M. B. Turova-Polyak, I. R. Davydova, 6 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXVI, No 10, Oct 1956, pp 2710-2715.

Consultants Bureau

Sci - Chemistry
Mar 58

60,098

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

The Isomerization of Polymethylene Hydrocarbons under the Influence of Aluminum Chloride. XXII. The Isomerization of Dicyclopentylmethane, by M. B. Turova-Polyak, I. E. Sosnina, I. I. Voznesenskaya, T. P. Yudkina, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 1, 1959, pp 97-101.

Consultants Bureau

119643

Sci
Mar 60

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Isomerization of Polymethylene Hydrocarbons Under the Influence of Aluminum Chloride. XVIII. Isomerization of Dicyclopentyl, by M. B. Turova-Polyak, I. E. Sosnina, E. G. Treshchova, 5 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXIII, No 7, Jul 1953, pp 1111-1115.

Consultants Bureau

Scientific - Chemistry CTS/DEX

19,414

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Catalytic Reactions With Metallic Aluminum. I. Alkylation of Benzene With Alkyl Bromides, by M. B. Turova-Polyak, M. A. Maslova, 6 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXVI, No 8, 1956, pp 2185-2188.

Consultants Bureau

Sci - Chem 56,513

Dec 57

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Catalytic Alkylation of Chlorobenzene by Propyl Alcohols, by M. B. Turova-Polyak, N. V. Danilova, N. V. Muklina, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 7, Jul 1956, pp 1936-1939.

Consultants Bureau

Sci - Chemistry
Nov 57

55,016

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Catalytic Alkylation of Aniline With Ethyl Alcohol, by M. B. Turova-Polyak, N. V. Boryunova, E. S. Semenova, 4 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXIII, No 6, Jun 1953, USSR, pp 1024-1027. CIA D/S2359

Consultants Bureau

Scientific - Chemistry CTS/DEX

18,724

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Isomerization of Polymethylene Hydrocarbons by Aluminum Chloride. XIX. Isomerization of 1,3,5-n-Trimethylcyclohexane and Isopropylcyclohexane, by M. V. Turova-Polyak, Z. S. Kraits, E. G. Treshchova, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 10, Oct 1956, pp 2732-2738.

Consultants Bureau

Sci - Chemistry
Mar 58

60,103

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Beryllium Alcoholates I. by N. Ya. Turova, A. V. Novoselova, K. N. Semenenko, 2 p.

RUSSIAN,per, Zhur Neorg Khim, Vol IV, No 5, 1959, pp 997-1001.

Cleaver-Hume Press Ltd.
London

Sci-Chem
Jan 60

106,417

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Beryllium Phenolates, by N. Ya. Turova, A. V. Novoselova, K. N. Semenenko, R. I. Savost'yanova, 2 p.

RUSSIAN, per, Zhur Neorg Khim, Vol IV, No 3, 1959, pp 549-552.

Cleaver-Hume Press Ltd.
London

Sci-Chem
Jan 60

106544

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

TUROVA-POLYAK, M. B.

Academician Nikolai Dmitrevich Zelinsky
(On his 90th Birthday) 7-Pages

Russian, Zhur Prik Khim, Vol XXIV, No. 2, Feb 1951.

Consultants Bureau Translation

A12294

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Catalytic Alkylation of Benzene and Toluene With Propyl Alcohols, by M. B. Turova-Polyak, N. V. Rudenko, I. L. Parbuzina, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 10, 1959, pp 3243-3247.

CB

Sci

Oct 60

1301596

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Isomerization of Polymethylene Hydrocarbons Under the Influence of Aluminum Chloride, XVII. Isomerization of Methylcyclohexane, 1, 1-Dimethylcyclohexane, 1, 2-Dimethylcyclohexane and Ethylcyclohexane, by N. D. Zelinsky, M. B. Turova-Polyak, N. F. Tsvetkova, E. G. Treshchova, 5 pp.

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol XXI, No 12, Dec 1951, pp 2156-2159

Consultants Bureau

USSR

Scientific - Chemistry, hydrocarbons, aluminum chloride, isomerization

1937

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Catalytic Alkylation of Benzene by Butyl Alcohol, by M. B. Turova-Polyak, N. V. Danilova, E. G. Treshcheva, 5 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXIV, No 9, Sep 1954, pp 1558-1561. CIA C 42159.

Consultants Bureau

Sci - Chemistry

35,164

Jun 1956/Dex

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Some New Data on the Isomerization of Cyclohexane by Aluminum Chloride, by N. D. Zelinsky, M. B. Turova-Polyak, N. F. Tsvetkova, E. G. Treshchova, 5 pp.

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol XXI, No 12, Dec 1951, pp 2160-2162

Consultants Bureau

USSR

Scientific - Chemistry, aluminum chloride

1934

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

The Evaporation Method and Its Use for the Determination of Boron and Other Impurities in Uranium, by S. L. Mandelshtam, N. N. Semanov, Z. M. Turovtseva, 10 pp.

RUSSIAN, bimo per, Zhur Anal Khim, Vol XI, No 1, Jan/Feb 1956, pp 9-20. CIA 542769 C, reel 4.

Consultants Bureau

Sci - Chemistry

37,374

Aug 1956

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

The Isomerization of Polymethylene Hydrocarbons With Aluminum Chloride XVI. The Isomerization of 1. 1-Dimethylcyclopentane, by M. B. Turova-Polyak, V. A. Adamova, E. G. Treshchova. 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXI, No 2, Feb 1951. pp 250-256 CIA D 12,337

Consultants Bureau Translation

Full Tr in Lib XX-5555 CIA Internal only

Scientific - Chemistry 12,888

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

The Catalytic Dehydration of Alcohols Over Anhydrous Magnesium Sulfate, by A. A. Balandin, M. B. Turova-Polyak, A. E. Agronomov, I. M. Khorlina, L. S. Konkova, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, No 4, 1957 pp 773-776.

Consultants Bureau

69, 114

Sci - Chem
Aug 58

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Isomerization of Polymethylene Hydrocarbons by the Action of Aluminum Chloride. XXI. Isomerization of Cyclohexylcyclopentane, by T. A. Slovokhotova, M. B. Turova-Polyak, I. I. Goron, E. G. Treshcheva, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 4, 1957, pp 900-904.

Consultants Bureau

Sci - Chem
Aug 58

69, 234

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

The Isomerization of Polymethylenic Hydrocarbons Under the Influence of Aluminum Chloride. XX. The Isomerization of Spiro-(4,5)-Decane, by M. B. Turova-Polyak, I. E. Sosnina, T. P. Yutkina, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 3, 1957, pp 586-589.

Consultants Bureau

Sci - Chem
Aug 58

69, 188

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Incorporation of Radiomethionine and Radiotyrosine into the Brain Tissue in ~~XX~~ Single and Recurring Experimentally Induced Epileptic Seizures, by K. I. Pogodayev, N. F. Turova, 11 pp.

RUSSIAN, par, Ukrain Biokhim ~~XXX~~ Zhur, Vol XXXI, No 6, 1959, pp 849-848.

SLA 60-18366

Sci
Feb 62
Vol 4, No 9

184,672

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Application of Chebyshev Polynomials in Calculations of Step Transitions, by Ya. M. Turover, N. I. Strutinskiy, 30 pp.

RUSSIAN, per, Radiotekhnika i Elektronika, Vol I, Nmy No 2, 1956, pp 143-161. 9886969

AID Report T-63-105

Sci - Electron
Oct 63

240,116

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

An Approximate Calculation of Mutual Inductance Between Coupling Loop and Cylindrical Cavity of a Multi-Resonator System, by Ya. M. Turover, 7 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol III, No 6, 1958, pp 839-842.

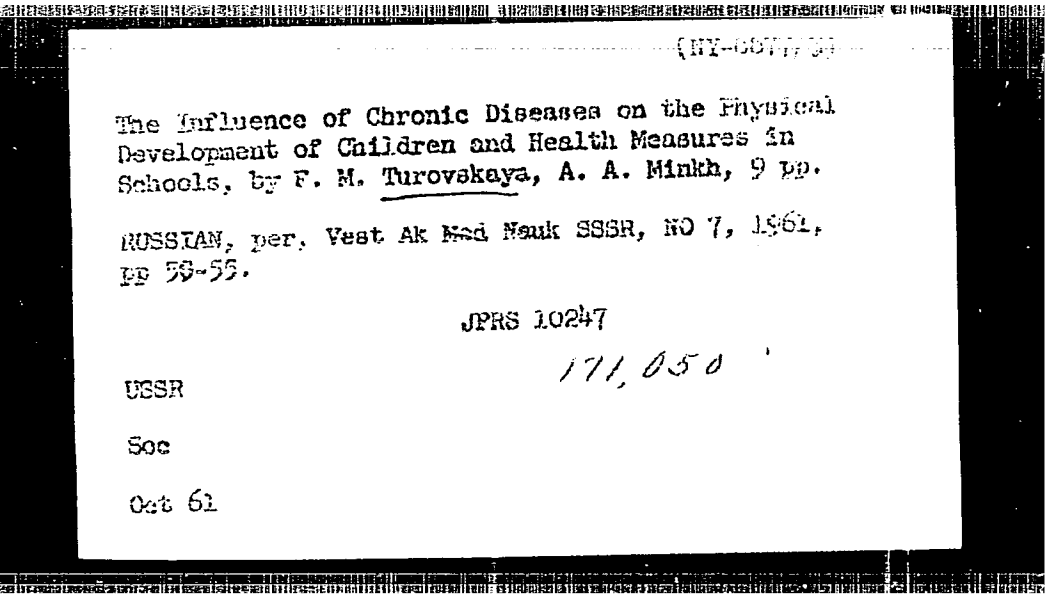
FP

Sci - Electron
Oct 59

99,045

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00



(HY-0067/01)

The Influence of Chronic Diseases on the Physical Development of Children and Health Measures in Schools, by F. M. Turovskaya, A. A. Minkh, 9 pp.

RUSSIAN, per. Vest Ak Med Nauk SSSR, NO 7, 1961, pp 53-55.

JPRS 10247

171,050

USSR

Soc

Oct 61

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

(NY-1374)

Mechanization of Intrahospital Transportation of Litter Patients Under Field Conditions, by B. I. Turovskiy, 5 pp.

RUSSIAN, per, Voyenno Medit-Zhur, No 3, 1960.

JPRS 5280

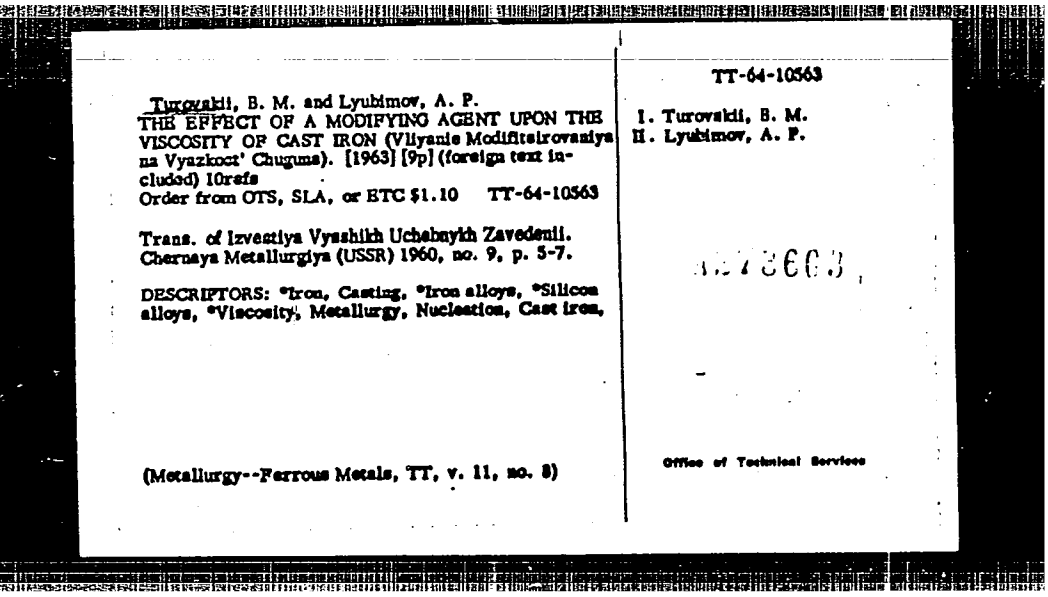
Sci - Med

Sep 60

125,428

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00



Turovskii, B. M. and Lyubimov, A. P.
THE EFFECT OF A MODIFYING AGENT UPON THE VISCOSITY OF CAST IRON (Vliyanie Modifitsirovaniya na Vyazkost' Chuguna). [1963] [9p] (foreign text included) 10refs
Order from OTS, SLA, or ETC $1.10 TT-64-10563

Trans. of Izvestiya Vyssshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) 1960, no. 9, p. 5-7.

DESCRIPTORS: *Iron, Casting, *Iron alloys, *Silicon alloys, *Viscosity, Metallurgy, Nucleation, Cast iron,

(Metallurgy--Ferrous Metals, TT, v. 11, no. 8)

TT-64-10563

I. Turovskii, B. M.
II. Lyubimov, A. P.

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Modeling the Mixing of a Melt During the Growing of Crystals According to the Czochralski Method, by B. M. Turovskiy, M. G. Mil'vidskiy, 3 pp.

RUSSIAN, per, Kristallografiya, Vol VI, No 5, 1961, pp 759-762.

AIP
Sov Phys - Crystall
Vol VI, No 5

Sci
~~XXXXXX~~
24 Jul 62

203,954

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Growth Features of Crystals Grown from the Melt by the Czochralski Technique, by B. M. Turovskiy, M. G. Mil'vidskiy, 9 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol III No. 9, 1961, pp. 2519-2524

AIP
Sov Phys-Solid State
Vol III, No. 9

Sci

Mar 62

192,443

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

(NY-2900/20)

Large-Unit Control Station Panels (Packag-Type Electrical Equipment), by M. N. Turovskiy, 6 pp.

RUSSIAN, per, Vest Elektroprom, No 5, 1960, pp 76-78.

JPRS 5981

USSR
Econ
Dec 60

134,184

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

The Age Relationships of Igneous Dikes and Post-magmatic Mineralization in the Deposits of Northern Kirghizia, by S. D. Turovskiy, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Geol, No 6, 1959, pp 84-98.

AGI

Sci

Mar 61

142,475

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

BERYLLIUM: TOXICOLOGY, CLINICAL ASPECTS OF DISEASES, LABOR HYGIENE, BY VALENTIN MIKHAYLOVICH KOZLOV, VALENTIN DMITRIYEVICH TUROVSKIY, 32 PP.

RUSSIAN, BK, BERILLIY; TOKSIKOLOGIYA, KLINIKA PORAZHENIY, GIGIYENA TRUDA, MOSCOW, 1962, PP 1-120.

JPRS 16496

SCI - MED

DEC 62

218,162

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Formation and Structure of 90° Twins of Silicon Single Crystals Grown by the Czochralski Method, by V. M. Turovskiy, L. V. Lainer, 5 pp.

RUSSIAN, per, Kristallograf, Vol IX, No 1, Jan, Feb 1964, pp 92-97.

Amer Inst of Phys
Sov Phys Crystal
Vol IX, No 1,

Sci
Sep 64

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

(NY-3435)

The Effect of Local Irradiation on the Concentration of Acid-Insoluble Phosphorus Fractions in the Bone Marrow of Rabbits, by V. S. Turovskiy, 6 pp.

RUSSIAN, per, Medit Radiolog, Vol IV, No 10, 1959.

JPRS 2707

Sci - Medicine

Oct 60

130,997

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Turovskii, Ya. A.
CONVERSION OF A WETTING LIQUID INTO A NON-WETTING ONE. [1963] 6p 2refs
Order from OTS, SLA, or ETC $1.10 TT-63-20822

Trans. of Moskovskii Oblastnoi Pedagogicheskii Institut. Uchenye Zapiski (USSR) 1960, no. 92, p. 73-78. (Abstract available)

DESCRIPTORS: *Surface-active substances, Liquids, *Surface tension, Surface properties,

A convex meniscus was experimentally observed in two narrow glass tubes of different cross sections situated in a wide sealed tube containing isoamyl alcohol heated to a certain temperature. The meniscus in the narrower tube fell lower with respect to the liquid level outside the tubes than in the wider one. In this case, the isoamyl alcohol behaves like mercury which is non-wetting with respect to glass. Equations were derived
(Chemistry--Physical, TT, v. 11, no. 4) (over)

TT-63-20822

I. Turovskii, Ya. A.

...35135

Office of Technical Services

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

The Determination of Oxygenm Nitrogen, and Hydrogen in Molybdenum, Tungsten and Niobium, by G. V. Mikhailova, A. M. Turovtseva, R. SH. Khalitov, 6 pp.

RUSSIAN, per, Zhur Anal Khim, Vol XII, 1957, pp 338.

AEC Tr 3184

Sci - Chim

MAy 58

62,654

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Detecting Oxygen in Alkali Metals and Their Alloys by the Method of Mercury Extraction, by Ye. D. Malikova, Z. M. Turovtseva, 7 pp.

RUSSIAN, per, Ak Nauk SSSR, Komissiya po Analiticheskoy Khim, Analiz Gazov v Metallakh, Vol X, 1960, pp 91-96. 9667415

FTD-TT-62-1338

Sci - Min/Metals
Jan 63

220,638

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Application of Omegatrons to Analysis of
Residual Gasses at Low Pressures, by
Z. M. Turovtseva, L. D. Shevaleevskiy,
6 pp.
RUSSIAN, per, Pribory i Tekh Eksper, No 6,
1963, pp 128-133.
ISA

Sci

Aug64

264,418

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Analysis of Gases in Metals, by Z. M. Turovtseva.

RUSSIAN, bk, Analiz Gasov v Metallakh, 1959.

CB

Jun 61 $ 21.50

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

antitative Determination of Oxygen in the Lower
ides of Titanium by Means of X-ray Analysis, by
M. Kuznetsov, E.S. Makarov, Z.M. Turovtseva, 4 pp.

SSIAN, per, Zhur Anal Khim, Vol. XIV, No. 4, 1959,
463-465.

CB

i
p 60

126,459

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Determination of Oxygen, Hydrogen, and Nitrogen in Molybdenum, Tungsten, and Niobium, by G. V. Mikhaylova, Z. M. Turovtseva, R. Sh. Zhalitov, 9 pp.

RUSSIAN, per, Zhur Analitich Khim, Vol XII, No 3, 1957, pp 338-341.

SLA 59-15486

Sci - Chemistry
Nov 59

103,266

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Determination of Oxygen and Hydrogen in Titanium, by Z. M. Turovtseva, R. Sh. Khalitov, 4 pp.

RUSSIAN, per, Zhur Analit Khim, Vol XII, No 6 1957, pp 720-722.

Consultants Bureau

Sci - Chem

Oct 58

74, 811

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Determination of Oxygen, Hydrogen, and Nitrogen in Molybdenum, Tungsten, and Niobium, by G. V. Mikhailova, Z. M. Turovtseva, and R. Sh. Khalitov, 4 pp.

RUSSIAN, per, Zhur Anal Khim. Vol XII, No 3, 1957, pp 338-341.

Consultants Bur

Sci - Chem

May 58

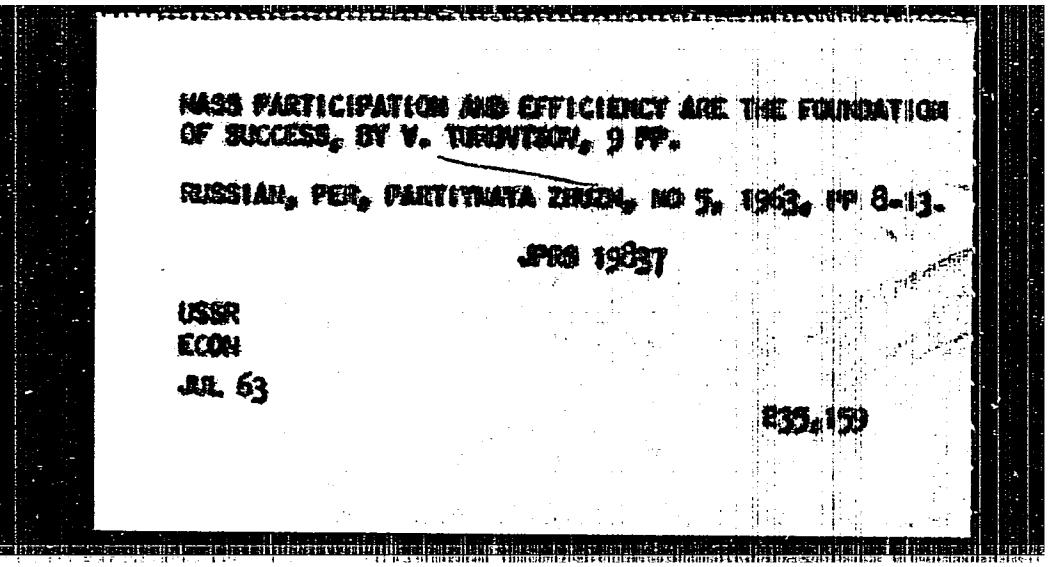
SLA R-3788

AEC Tr-3184

64,880

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00



MASS PARTICIPATION AND EFFICIENCY ARE THE FOUNDATION OF SUCCESS, BY V. TIKHONOV, 9 PP.

RUSSIAN, PER, PARTIYNAYA ZHIZN, NO 5, 1963, PP 8-13.

JPRS 19837

USSR
ECON
JUL 63

835.159

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

Chromatographic Determination of Ethylene in Coal Gas, by A. Turowska, [redacted]
B. Jedrzejczyk.

GERMAN, per, Gaz, Woda i Technika Sanitarna, Vol XXXI, No 6, 1957, pp 229-233.

GB/242

Sci-Fuels
Feb 63

222,586

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00

The Influence of Toxoids on the Immunogenic Properties of the Pertussis Component, by G. Turowski, 6 pp.

POLISH, per, Medycyna Doswiadczalna i Mikrobiologia, Vol XV, No 4, 1963.

OTS 63-11411/4
PL-480

Sci
Jan 65

272,657

APPROVED FOR RELEASE: Wednesday, November 14, 2001 CIA-RDP84-00581R00